Docket No.

211861US3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Chiaki MATANO

SERIAL NO: RCE FILED:

09/911,399

HEREWITH

GAU:

3677

EXAMINER: A. CHOP

FOR:

RING

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

RECEIVED

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

AUG 0.7 2003

SIR:

Applicant(s) wish to disclose the following information.

OFFICE OF PETITIONS

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached European Search Report and form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment form is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Gregory. Maier

Registration No. 25,599

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03) I:\ATTY\GAS\211861\IDS.DOC

Gay Ann Spahn

Registration No. 34,978

James D. Hamilton Registration No. 28,421

| Form PTO 1449 (Modified) | | U.S. DEPARTMEN | T OF COMMERCE | ATTY DOCKET NO. | SERIAL NO. | | | |
|----------------------------------|--------|-------------------------|---------------------------------------|---|------------------|--------------------|----------|-------------------|
| (Modified) | | PATENT AND TR | ADEWARK OFFICE | 211861US3 | 09/911,399 | | | |
| LICTOF | DE-E- | DENOTE OITED BY A | DDLICANT | APPLICANT | | | | |
| LISTOF | KEFEI | RENCES CITED BY A | PPLICANT | Chiaki MATANO | | | | |
| | | | | RCE FILED | | GROUP | | |
| | | | | HEREWITH | | 3677 | | |
| | | r | | U.S. PATENT DOCUMENTS | , | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | NAME I CLASS I I | | | ILING DATE |
| | AA | 5,361,606 | 11/8/94 | Nhaissi et al | | | | |
| | AB | | | | | | | |
| | AC | | | RECEI | <u>VED</u> | | | |
| | AD | | | ALIC OF | 2002 | | | |
| | AE | | | AUG U.7 | AUG 0.7 2003 | | | |
| | AF | | | OFFICE OF PE | TITIONS | | | |
| | AG | | | | | | | |
| | AH | | | | | | | |
| | Al | | | | | | | |
| | AJ | | | | | | | |
| | AK | | | - | | | | |
| | AL | | | | | | | |
| | AM | | | | | | | |
| | AN | | | | ļ <u>.</u> | | | |
| | | | FO | REIGN PATENT DOCUMENTS | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | | TRANSLATION YES NO | | |
| - | AO | JP07289321 | 7/11/95 | Japan (English Abstract Only) | bstract Only) | | | 110 |
| | AP | DE 299 09 668 U | 8/12/99 | Germany | , , | | | X |
| | AQ | DE 87 04 923 U | 7/16/87 | Germany | | | | Х |
| | AR | | | | | | | |
| | AS | | | | | | | |
| | AT | | | | | | | |
| | AU | | | | | | | |
| | ΑV | | | | | | | |
| | | OTHER R | EFERENCES (| ncluding Author, Title, Date, Pertinen | t Pages, et | c.) | | |
| | AW | | | | | | | İ |
| | AX | | | | | | | |
| | AY | | | <u> </u> | | | | |
| | AZ | | | | Addit | ional Refe | rences : | sheet(s) attached |
| Examiner | | | | | Date Con | | | |
| *Examiner: Init conformance a | and no | t considered. Include o | , whether or not copy of this form | citation is in conformance with MPEP 60 with next communication to applicant. | 09; Draw lir | e through | citation | if not in |



RAPPORT DE RECHERCHE PRÉLIMINAIRE

N° d'enregistrement national

établi sur la base des dernières revendications déposées avant le commencement de la recherche

FA 605745 FR 0110584

| DOCU | DOCUMENTS CONSIDÉRÉS COMME PERTINENTS | | Classement attribué à l'invention par l'INPI | | |
|-----------------------------------|---|---|---|--|--|
| Catégorie | Citation du document avec indication, en cas de besoin, des parties pertinentes | | | | |
| X | DE 299 09 668 U (A. STECKHAN-ROSIEN) 12 août 1999 (1999-08-12) * le document en entier * | 1,2, 13-15 | A44C9/00 | | |
| Α 🗇 | US 5 361 606 A (PAN AMERICAN DIAMOND 8 novembre 1994 (1994-11-08) * colonne 8, alinéa 3; revendication figures 5,7,9 * | | | | |
| X | DE 87 04 923 U (DANIEK D. A.) 16 juillet 1987 (1987-07-16) * le document en entier * | 7,8 | | | |
| A | PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03, 29 mars 1996 (1996-03-29) & JP 07 289321 A (TOYO RETSUKUSU KK) 7 novembre 1995 (1995-11-07) * abrégé * | 7 | | | |
| | | | DOMAINES TECHNIQUES RECHERCHÉS (Int.CL.7) | | |
| | · | | A44C | | |
| · | | | | | |
| | | | | | |
| | | | | | |
| • | | | | | |
| | | | | | |
| | · · · | | | | |
| | Date d'achèvement de la 10 juille | | Examinateur arnier, F | | |
| X : pa Y : pa au A : arr | CATÉGORIE DES DOCUMENTS CITÉS T : the ficulièrement pertinent à lui seul à l'itculièrement pertinent en combinaison avec un de tre document de la même catégorie D : ci rère—plan technologique L : cit | éorie ou principe à la base di ocument de brevet bénéficiar la date de dépôt et qui n'a ét e dépôt ou qu'à une date pos té dans la demande é pour d'autres raisons | e l'invention nt d'une date antérieure é publié qu'à cette date | | |

ANNEXE AU RAPPORT DE RECHERCHE PRÉLIMINAIRE RELATIF A LA DEMANDE DE BREVET FRANÇAIS NO. FR 0110584 FA 605745

La présente annexe indique les membres de la famille de brevets relatifs aux documents brevets cités dans le rapport de recherche préliminaire visé ci-dessus. Les dits membres sont contenus au fichier informatique de l'Office européen des brevets à la date d10-07-2003 Les renseignements fournis sont donnés à titre indicatif et n'engagent pas la responsabilité de l'Office européen des brevets, ni de l'Administration française

| Document brevet of au rapport de recher | | Date de publication | | Membre(s) de la famille de brevet(s) | Date de publication |
|---|---|---------------------|----------------------|---|--|
| DE 29909668 | U | 12-08-1999 | DE | 29909668 U1 | 12-08-1999 |
| US 5361606 | A | 08-11-1994 | US EP MX WO | 5365754 A 0603239 A1 9304991 A1 9303645 A1 | 22-11-1994 29-06-1994 31-05-1994 04-03-1993 |
| DE 8704923 | U | 16-07-1987 | DE | 8704923 U1 | 16-07-1987 |
| JP 07289321 | Α | 07-11-1995 | AUCUN | | |